Mountain Weather Forecast

Peak District National Park

Forecast valid from 06:00 on Tuesday 20 Jun 2023 until 23:59 on Wednesday 21 Jun 2023

Forecast Issued on Tuesday 20 Jun 2023 at 01:32

Confidence: Extent of rain and showers Tuesday remains Low confidence. But confidence becomes high for increasingly dry conditions Wednesday and Thursday. Confidence reduces Friday and Saturday with uncertain amounts of cloud, but likely turning very warm.

Headline for Tuesday 20 Jun 2023: Cloud thickening as rain spreads north, heavy at times. Clearing late afternoon.

Mountain weather hazards on Tuesday 20 Jun 2023

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** No Likelihood	**Poor visibility** Low Likelihood
Thunderstorms Low Likelihood	**Heavy persistent rain** Low Likelihood	**Strong sunlight** Medium Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Heavy Rain	Light rain	Cloudy	Cloudy	Thundery showers	Thundery showers (night)
Precipitation probability					
60%	60%	40%	20%	20%	<05%

Forecast for Tuesday 20 Jun 2023

Weather: Cloud will thicken from the south during the morning, with outbreaks of rain spreading north. These could be heavy at times, and the odd thundery burst cannot be ruled out. Rain clearing through the afternoon, with late sunny spells following. There is the chance of an isolated, heavy and thundery shower.

Chance of cloud-free hill tops above 600m: 90%, falling to 40% during the morning. Lifting again to above 90% by late afternoon.

Low cloud and visibility: Cloud thickening and descending to obscure hills above 500m during the morning. This breaking and clearing north through the afternoon, with cloud remaining largely above the tops by the evening. Views will otherwise be moderate to poor in the rain and heavy showers, but improving to good to very good in drier intervals, and especially during the drier afternoon.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
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Mountain Weather Forecast

Forecast for Tuesday 20 Jun 2023

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	8/12 SE	8/11 E	8/12 E	8/12 SW	10/13 W	8/12 W	9/13 SW
300	3/5 SE	5/8 NE	7/11 NE	6/9 SW	7/11 W	6/9 W	5/8 SW
Valley	5/10 E	3/7 NE	4/8 SE	5/9 SW	6/12 NW	4/9 W	4/9 SW

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	15/14	13/12	14/13	15/14	15/14	13/12	12/11
300	17/17	15/15	16/16	17/17	18/17	16/15	14/14
Valley	17/17	16/16	18/18	19/18	19/18	16/16	14/14
Freezing Level*	2600m	3000m	3000m	2800m	2700m	2700m	2600m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

A rather cloudy day with outbreaks of rain. Waterproof layers essential. Some afternoon sunny spells could bring Moderate UV with appropriate sun protection recommended.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
02:00 on Tue 20 Jun 2023	0.2mm	16.8mm	18.8mm

Forecast for Wednesday 21 Jun 2023

Weather: Any overnight cloud quickly clearing away to leave a fine day with long sunny periods. Perhaps the odd heavy shower developing, and a rumble or two of thunder cannot be completely ruled out. Winds staying light.

Maximum wind: Westerly 10-15mph

Chance of cloud-free hill tops above 600m: Near 100%, but 80% at first in west.

Low cloud and visibility: Widespread very good to excellent views expected with cloud largely above the hills. Perhaps the odd patch of cloud obscuring tops above 400m on western hills during the morning.

Temperature: **Valleys:** Plus 12 Celsius rising to Plus 22 Celsius
At 600m: Plus 10 Celsius rising to Plus 16 Celsius
Freezing level: Above summits.

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